1 9 1999 SEQUENCE LISTING 10> Duff, Gordon W. di Giovine, Francesco Saverio <120> THERAPEUTIC AND DIAGNOSTIC BASED ON A NOVEL IL-1B MUTATION <130> MSA-004.01 <140> 09/247,874 <141> 1999-02-10 <160> 18 <170> PatentIn Ver. 2.0 <210> 1 <211> 9721 <212> DNA <213> IL-1beta GEN <400> 1 ggototgagg aaggtggcag ttootacaac gggagaacca gtggttaatt tgcaaagtgg 120 atcetqtqqa qqcanncaqa qqaqteeect aqqeeaccca gacaqqgett ttagetatet 180 gcaggccaga caccaaattt caggagggct cagtgttagg aatggattat ggcttatcaa 240 atteacagga aactaacatg ttgaacaget tttagattte etgtggaaaa tataacttae 300 taaagatgga gttcttgtga ctgactcctg atatcaagat actgggagcc aaattaaaaa 360 tcagaagget gettggagag caagteeatg aaatgetett titeecacag tagaacetat 420 ttccctcgtg tctcaaatac ttgcacagag gctcactccc ttggataatg cagagcgagc 480 acquitacetq generateta attituantan naturetgica auttoccatt encecatten 540 ageageaaac tetateteae etgaatgtae atgecaggea etgtgetaga ettggeteaa 600 aaaqatttca gtttcctqqa qqaaccaqqa qqqcaaqqtt tcaactcaqt qctataaqaa 660 gtgttacagg ctggacacgg tggctcacgc ctgtaatccc aacatttggg aggccgaggc 720 gggcagatca caaggtcagg agatcgagac catcctggct aacatggtga aaccctgtct 780ctactaaaaa tacaaaaaat tageegggeg ttggeggeag gtgeetgtag teecagetge 840 tggggagget gaggcaggag aatggtgtga accegggagg eggaaettge agggggeega 900 gatogtgoca otgoactoca gootgggoga cagagtgaga ototgtotoa aaaaaaaaa 960 aaaagtgtta tgatgcagac ctgtcaaaga ggcaaaggag ggtgttccta cactccaggc 1020 actigtteata acctiggacte teatteatte tacaaatigga gggeteecet gggeagatee 1080 ctggagcagg cactttgctg gtgtctcggt taaagagaaa ctgataactc ttggtattac 1140 caagagatag agtotoagat ggatattott acagaaacaa tattoocact tttoagagtt 1200 caccaaaaaa tcattttagg cagageteat etggeattga tetggtteat ecatgagatt 1260 ggctagggta acagcacctg gtcttgcagg gttgtgtgag cttatctcca gggttgcccc 1320 aacteegtea ggageetgaa eeetgeatae egtatgttet etgeeeeage caagaaaggt 1380 caattttete eteagagget eetgeaattg acagagaget eeegaggeag agaacageae 1440 ccaaggtaga gacccacace etcaatacag acagggaggg etattggccc ttcattgtac 1500 ccatttatcc atctgtaagt gggaagattc ctaaacttaa gtacaaagaa gtgaatgaag 1560 aaaagtatgt goatgtataa atotgtgtgt ottocaottt gtoccaoata tactaaattt 1620 aaacattett etaaegtggg aaaateeagt attttaatgt ggacateaae tgeacaaega 1680 ttgtcaggaa aacaatgcat atttgcatgg tgatacattt gcaaaatgtg tcatagtttg 1740 ctactccttg coettccatg aaccagagaa ttatctcagt ttattagtcc esteesetaa 1800 gaagetteea ceaatactet ttteeeettt eetttaaett gattgtgaaa teaggtatte 1860 aacagagaaa titotoagoo tootaotiot gottitigaaa gotalaaaaa cagogaggga 1920 gaaactggca gataccaaac ctcttcgagg cacaaggcac aacaggctgc tctgggattc 1980 tetteageea atetteatty eteaagtaty aetttaatet teettacaae taggtgetaa 2040

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